

PTO/SB/08a (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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C	omplete if Known
Application Number	10/009,520
Filing Date	May 3, 2002
First Named Inventor	MITRANI Eduardo N.
Art Unit	1635 /632

Examiner Name WU-Cheny Winston Shen Attorney Docket Number 01/22858 Sheet U.S. PATENT DOCUMENTS Examiner Document Number Publication Date Name of Patentee or Pages, Columns, Lines, Where MM-DD-YYYY Initials* No. Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code^{2 (if known)} W.S. 05-5-1976 US-3,984,533 Uzgiris 2 US-3,996,345 07-7-1976 Ullman et al. W.S US-3,867,517 Ling W.S. 3 02-18-1975 US-3,850,578 4 11-26-1974 McConnell et al. W.S. 08-21-2003 W.S. 5 US-2003/0157074 Mitrani 6 US-2003/0152561 08-14-2003 Mitrani W.S. 7 US-2003/0152909 08-14-2003 W.S. Mitrani W.S. 8 US-2003/0152562 08-14-2003 Mitrani W.S. 9 US-6,001,647 12-14-1999 Peek et al. 10 W.S. US-6,303,136 10-16-2001 Li et al. 11 US-5,871,767 02-16-1999 W.S. Dionne et al. 12 US-5,861,313 01-19-1999 Pang et al. W.S. 13 US-3,734,851 05-22-1973 Matsumura W.S 14 US-5,032,508 07-16-1991 Naughton et al. W.S. W.S. 15 US-4,835,102 05-30-1989 Bell et al. W.S. 16 US-4,888,291 12-19-1989 Barrandon et al. US-4,798,885 W.S 17 01-17-1989 Mason et al. W.S. 18 US-5,387,576 07-7-1995 Mitrani W.S. 19 US-2002/0039786 04-4-2002 Reid et al. W.S 20 US-4,369,788 01-25-1983 Goald US-4,043,343 21 W.S 08-23-1977 Williams 22 W.S US-6,030,833 02-29-2000 Seebach et al. 23 US-2002/0012661 01-31-2002 W.S. Saito et al. W.S. 24 US-5,670,148 09-23-1997 Sherwin et al. 25 03-23-1999 US-5,885,971 W.S. German et al. 26 US-4,533,635 06-6-1985 W.S. Guédon born Saglier et al. W.S. 27 US-4,940,666 07-10-1990 Boyce et al. W.S. 28 US-5,282,859 01-1-1994 Eisenberg 29 W.S. US-5,292,655 08-8-1994 Wille Jr. W.S. 30 US-4,353,888 10-12-1982 Sefton W.S. 31 US-4,391,909 05-5-1983 Lim W.S. 32 US-4,666,828 05-19-1987 Gusella W.S. 33 US-4,683,202 07-28-1987 Mullis 34 US-4,736,866 04-12-1988 W.S. Leder et al. 35 US-4,801,531 01-31-1989 W.S. Frossard 36 US-4,879,219 07-7-1989 W.S. Wands et al. 37 US-4,892,538 09-9-1990 W.S. Aebischer 38 US-5,106,627 04-21-1992 W.S. **Aebischer** 39 W.S. US-5,175,383 12-29-1992 Leder et al. W.S. 40 US-5,175,384 12-29-1992 Krimpenfort et al. 41 US-5,175,385 12-29-1992 W.S Wagner et al. W.S. 42 US-5,192,659 09-9-1993 Simons W.S 43 US-5,221,778 06-22-1993 Byrne et al. W.S 44 US-5,272,057 12-21-1993 Smulson et al.

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Filing Date	May 3, 2002
First Named Inventor	MITRANI Eduardo N.
Group Art Unit	1635 /622

(use as many sheets as necessary) W-Cheng Winson Shen **Examiner Name** Sheet Of Attorney Docket Number OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), Initials No. T2 publisher, city and/or country where published. Iruela-Arispe et al. "Angiogenesis: A Dynamic Balance of Stimulators and 86 W.S. Inhibitors", (1997) Thrombosis and Haemostasis 78(1), 672-677 87 Mansbridge et al. "Three-Dimensional Fibroblast Culture Implant for the Treatment W.S. of Diabetic Foot Ulcers: Metabolic Activity and Therapeutic Range", Tissue Engineering, 4(4): 403-414, 1998. 88 Freshney "Culture of Animal Cells, A Manual of Basic Technique": 297-307, 1987. W.S. Kondo et al. "Long-Term Organ Culture of Rabbit Skin: Effect of EGF on Epidermal 89 Strucuter In Vitro", Journal of Investigative Dermatology, 95(4): 397-402, 1990. W.S. P.397, Col.2. 90 Agren et al. "Human Fetal Pancreas: Culture and Function In Vitro", Diabetes. W.S. 29(Suppl.1): 64, 1980. Choi et al. "TGF-Beta and Retinoic Acid: Regulators of Growth and Modifiers of W.S. Diffierentiation in Human Epidermal Cells", Cell Regulation, 1: 791-809, 1990. 92 Rheinwald "Serial Cultivation of Normal Human Epidermal Keratinocytes", Methods W.S. in Cell Biology, 21A: 229-254, 1980. 93 Pinkus "Examination of the Epidermis by the Strip Method of Removing Horny W.S. Layers", J. of Invest. Derm.: 383-386, 1951. 94 Soyer et al. "Extracorporeal Assist of Anhepatic Animals with Liver Slice Perfusion", W.S. The American Journal of Surgery, 1973. 95 Eiseman et al. "Prosthetics in Hepatic Assistance", Transplantation Proceedings, W.S. 3(4): 1519, 1971. Gerlach "Hepatocyte Culture and Bioreactor Design for Liver Support Systems", in: 96 W.S. 'Acute Liver Failure', Cambridge University Press, Chap. 19, 1997. W.S. Levine "The Growth of Adult Human Skin In Vitro", Br. J. Derm., 86: 481, 1972. 97 Boyce et al. "Calcium-Regulated Differentiation of Normal Human Epidermal 98 W.S. Keratinocytes in Chemically Defined Clonal Culture and Serum-Free Serial Culture", Journ. of Investigative Dermatology, 81: 33s-40s, 1983. 99 Boisseau et al. "Production of Epidermal Sheets in a Serum Free Culture System: A Further Appraisal of the Role of Extracellular Calcium", Journal of Dermatological W.S. Science, 3: 111-120, 1992. 100 Granov et al. "Extracorporeal Fixation of Liver Slices Onto the System of 'Artificial W.S. Kidney' Apparatus", Pub Med., 116(3): 106-109, 1976. 101 Watson et al. "Sheep Vibrissa Dermal Papillae Induce Hair Follicle Formation in W.S. Heterotypic Skin Equivalents", British Journal of Dermatology, 131: 827-835, 1994. 102 Varani et al. "All-Trans Retinoic Acid and Extracellular Ca2+ Differentially Influence Extracellular Matrix Production by Human Skin in Organ Culture", W.S. American Journal of Pathology, 142(6): 1813-1822, 1993. 103 Reynolds et al. "Cultured Dermal Papilla Cells Induce Follicle Formation and Hair W.S. Growth by Transdifferentiation of an Adult Epidermis", Development, 115: 587-593, 104 Gurdon "The Generation of Diversity and Pattern in Animal Development", Cell, 68: W.S. 185-199, 1992. 105 Sugihara et al. "Reconstruction of the Skin in Three-Dimensional Collagen Gel W.S. Matrix Culture", In Vitro Cell Dev. Biol., 27A: 142-146, 1991 W.S. 106 Li et al. "Skin Toxicity Determined in Vitro by Three-Dimensional, Native-State

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Signature	/Wu Cheng Winston Shen/ (08/30/2006)	Considered	1
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Complete if Known Application Number 10/009,520 Filing Date May 3, 2002 First Named Inventor Eduardo N. MITRANI 1635 /632 Art Unit **Examiner Name**

	1	of	3.	Attorney Docket Number	01/22858
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Examiner Name	ANCELL IONE			

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	Su	bstitute for form 1449A/PTO		e if Know				
011DE-			Application Number	10/009	,520			
SUPPLEMENTAL INFORMATION DISCLOSURE Filing Date May 3, 2002								
	51 A	TEMENT BY APPLICANT	First Named Inventor	Eduard	O N. MITRANI			
		(use as many sheets as necessary)	Group Art Unit	1635/	B2			
	_		Examiner Name	ANGE	hones winden			
Sheet	3	of 3	Attorney Docket Number	01/228	58			
		OTHER PRIOR ART – NON PATENT LITER	ATURE DOCUMENTS	S	<u> </u>			
Examiner nitials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial symposium, catalog, etc.) d publisher, city and/or country where	ate, page(s), volume-issue nun	le of the nber(s),	T ²			
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Signature	/Wu Cheng Winston Shen/	(08/30/2006)	Considered	

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Complete if Known
Application Number 10/009,520
Filing Date 12/11/2001
First Named Inventor Mitrani

Group Art Unit (use as many sheets as necessary) Examiner Name Sheet Of Attorney Docket Number 2 01/22858 **U.S. PATENT DOCUMENTS** U.S. Patent Document Pages, columns, lines, Kind Code² Examiners Cite Where Relevant Number Name of Patentee or Applicant Date of Publication of (if known) Passages or Relevant lnitials No. I Cited Document of Cited Document Figures Appear MM-DD-YYYY W.S 5,888,720 Mitrani 03-30-1999 FOREIGN PATENT DOCUMENTS Foreign Patent Documents Examiners Cite Name of Patentee or Date of Publication of Pages, columns, lines, Office³ Initials Number⁴ Kind Code⁵ Cited Document Where Relevant T⁶ Applicant of Cited Document MM-DD-YYYY (if known) Passages or Relevant Figures Appear W.S. wo 98/15575 Parmacek et al 04-16-1998 \overline{wo} W.S. 98/54301 Mickle et al 12/03/1998 wo 99/06073 W.S. Isner 02-11-1999

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/009,520 Filing Date 12/11/2001 First Named Inventor Mitrani Group Art Unit

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Substitute for form 1449A/PTO				Complete if Known			
	0014471011	.	N 0011DE	Application Number	10/009,250		
INFORMATION DISCLOSURE				Filing Date	December 5, 2001		
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Mario MOLINARI		
				Group Art Unit	1672		
	(use as many sheets	as nec	essa <i>ry</i>)	Examiner Name	Wy-Chend Winston Shen		
Sheet	1	of	2	Attorney Docket Number	P/61813 /		

				U.S. PATENT DOCUMEN	TS		
Examiner	Cite	U.S. Patent		of Cited Document	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials*	No.¹	Number	Kind Code ² (if known)		cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
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INF	ORMATIO	N DISC	CLOSURE	Application Number	10/009,250		
STATEMENT BY APPLICANT				Filing Date	December 5, 2001		
STATEMENT OF APPLICANT			FLICANI	First Named Inventor	Mario MOLINARI		
				Group Art Unit	1632		
	(use as many si	neets as nece	essary)	Examiner Name	Will-Chena Winston Shen		
Sheet	2	of	2	Attorney Docket Number	P/61813		

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²						
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